

Work Order ID 102084 -1

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102084

FRIDAY

Page 1

Item ID: DSI 9379-011

Revision ID:

Item Name: Cargo Mirror Upgrade

Start Date: 5/23/13 Start Qty: 2.00

Required Date: 5/24/13 Req'd Qty: 2.00

Reference:

Accept

N900040100

Setup Start

NS1

Stop

NS2

Cust Item ID:

Customer:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr

Revision Nbr

DSI 9379

Rev B

100

100

DC

Document Control

DOCUMENT CONTROL

Memo

Photocopy DSI 9379 and create labels per PPP DSI 9379-011 CHG002

0.00

0.00

105

105

Packaging

Packaging

Pick Kit

Memo

0.00

0.00

110

110

QC

Quality Control

QC4- 100% Inspect kits for completeness

Memo

0.00

0.00



13/5/30



13/5/30

13/5/30

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Item ID: DSI 9379-011

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Cargo Mirror Upgrade

Start Date: 5/23/13

Start Qty: 2.00

2

Cust Item ID:

Required Date: 5/24/13

Req'd Qty: 2.00

2

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

120

0.00

120

Packaging

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP DSI 9379-011

①

13-5-30

130

0.00

130

QC

Quality Control

QC21- Final Inspection - Work Order Release

Memo

0.00

MLJ 13-05-30

MLJ

13-5-30

Picklist Print

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Work Order ID: 102084

Parent Item: DSI 9379-011

Start Date: 5/23/13

Required Date: 5/24/13

Parent Item Name: Cargo Mirror Upgrade

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP Rev:A New Issue 07-06-28 JLM
523 EC verified by:DD IPP REV:C 12.05.30 PER ECN 12-596 DD VERF:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN3-5A Bolt		Purchased	No			105	Each	893.0000	3	6			

13.05.23

Location	Loc Qty	Loc Code
FP001	44	
122800	44	
GA	120	
117423	120	
ST350	22	
120187	22	
ST512	707	
122416	19	
124561	688	

D3629-1
Bracket

Manufactured No 105 Each 18.0000

Location	Loc Qty	Loc Code
ST061	18	
94588	18	

D3635-1
Gasket

Manufactured No 105 Each 57.0000

Location	Loc Qty	Loc Code
ST061	57	
94552	57	

D3635-3
Gasket

Manufactured No 105 Each 40.0000

Location	Loc Qty	Loc Code
ST061	40	
85656	40	

94588
94552
85656
13-05-24

13.05.23
AN3-4A
Bolt
Batch: 124858-gb

Picklist Print

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Work Order ID: 102084

Parent Item: DSI 9379-011

Parent Item Name: Cargo Mirror Upgrade

Start Date: 5/23/13

Required Date: 5/24/13

Start Qty: 2.00

Required Qty: 2.00

D3646-1
Arm

Manufactured No

105 Each 11.0000

Location

Loc Qty

Loc Code

ST227

11

90217

5

92872

6

D3646-3
Arm

Manufactured No

105 Each 8.0000

Location

Loc Qty

Loc Code

ST227

8

90182

8

D4070-041
Clamp

Manufactured No

105 Each 6.0000

Location

Loc Qty

Loc Code

ST457

6

90095

6

AN4-5A
Bolt

Purchased No

105 Each 364.0000

Location

Loc Qty

Loc Code

ST355

177

120562

177

ST514

187

120562

187

AN960JD10
Washer

NAS1149D0363J

Purchased No

105 Each 0.0000

AN960JD416
Washer

NAS1149D0463J

Purchased No

105 Each 0.0000

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Shop Packet Print

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Picklist Print

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Work Order ID: 102084

Parent Item: DSI 9379-011

Parent Item Name: Cargo Mirror Upgrade

Start Date: 5/23/13

Required Date: 5/24/13

Start Qty: 2.00

Required Qty: 2.00

MS21042L3

Purchased

No

105

Each

3,411.0000

3

Nut

Location

Loc Qty

Loc Code

FP001

3

122141

3

GA

18

122452

18

ST314

268

117885

32

119017

55

119075

138

123265

43

ST506

3122

123900

954

124291

2168

124291

MS21042L4

Purchased

No

105

Each

2,893.0000

2

Nut

Location

Loc Qty

Loc Code

FP001

50

122452

38

8182

12

st507

2581

125535

2581

ST518

262

124231

262

125535

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Shop Packet Print

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13/5/30 sf
REFERENCE ONLY

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D350-561 REV. C

REF. CANADIAN STC: SH91-20 ISSUE 2

REF. FAA STC: SH856NE

To reduce vibration, Dart has developed the D350-561-141/-143 Mirror Installations to replace the D350-561-041/-043 Mirror Installations. For customers with D350-561-041/-043 Mirror Installations at CHG 005 or earlier who would like to upgrade their installation, the DSI 9379-011 Upgrade Kit can be obtained from Dart. The components for DSI 9379-011 Kit are as defined in Section 1.0 below.

Customers upgrading their installation from D350-561-041/-043 to D350-561-141/-143 should follow instructions given in Figures 1 through 5 of DSI 9379 and refer to Installation Instructions D350-561 Rev. C as applicable.

Customers who are installing a D350-561-141/-143, should refer to Figures 2 through 5 of DSI 9379 and refer to Installation Instructions D350-561 Rev. C as applicable.

This service instruction details the D350-561-141/-143 kits at CHANGE 003 or later, which use D4070-041 Clamps (replaces MS21919WDG7 clamps). For -141/-143 kits at earlier change numbers, the DSI-9379-013 Upgrade kit is available to replace the mil-spec clamps with more robust D4070-041 Clamps.

1.0 PARTS LIST

Qty -141	Qty -143	Qty -045	Qty -011	Qty -013	Part Number	Description
X	1				D350-561-141	SINGLE MIRROR INSTALLATION (REPLACES -041)
	X				D350-561-143	DUAL MIRROR INSTALLATION (REPLACES -043)
	1	X			D350-561-045	MIRROR KIT
			X		DSI-9379-011	UPGRADE KIT
				X	DSI-9379-013	UPGRADE KIT
1		1			D2011-101	MIRROR
1					D2012-105	ARM
1					D2012-107	CLEVIS
1					D2012-111	BRACKET
		2			D2012-113	CLAMP
1					D2012-115	BRACKET
2					D2022-101	SPACER
1*		1*			D3014-1	LOCKNUT
1			1		D3629-1	BRACKET
1			1		D3635-1	GASKET
2			2		D3635-3	GASKET
1			1		D3646-1	ARM
1			1		D3646-3	ARM
2			2	2	D4070-041	CLAMP
3			3		AN3-4A	BOLT
1					AN3-6A	BOLT
3			2	2	AN4-5A	BOLT
1					AN4-10A	BOLT
8			6		AN960JD10	WASHER
8			4	4	AN960JD416	WASHER
1*		1*			AN960JD416L	WASHER
4			3		MS21042L3	NUT (OR MS21042-3)
4			2	2	MS21042L4	NUT (OR MS21042-4)

*INCLUDED AS PART OF D2011-101 MIRROR

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: *[Signature]*
D. SHEPHERD (DE # 02)

DATE: 10.02.12
CERT. NO.: SH91-20
ISSUE NO.: 2

C	D4070-041 WAS MS21919WDG7	CP	10.02.12
B	MS21919WDG7 WAS MS21929WDG7	DC	07.11.26
A	NEW ISSUE	MB	07.07.10
REV.	DESCRIPTION	BY	DATE
DESIGN	JB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	JP		
CHECKED	JJ		
MFG. APPR.	N/A		
APPROVED	JS		
DE APPR.	JH	DRAWING NO.	REV. C
		DSI 9379	SHEET 1 OF 5
		TITLE	SCALE
		CARGO MIRROR UPDRAGE KIT	NTS
DATE	10.02.12	COPYRIGHT © 2007 BY DART AEROSPACE LTD	
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Item ID: DSI 9379-011
Revision ID:
Item Name: Cargo Mirror Upgrade

Accept


N9000040100

Setup Start *NS1*
Stop *NS2*

Start Date: 5/23/13 Start Qty: 2.00 *2*
Required Date: 5/24/13 Req'd Qty: 2.00 *2*

Cust Item ID:
Customer:

Reference:

Approvals: Process Plan:  Date: Tooling: Date:
QC: Date: SPC (Y/N): Date:

Run Start *NR1*
Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
DSI 9379	Rev B								
100		0.00							
100	DOCUMENT CONTROL								
DC	Memo	0.00							
Document Control	Photocopy DSI 9379 and create labels per PPP DSI 9379-011 CHG002								
105	Pick Kit	0.00							
105									
Packaging	Memo	0.00							
Packaging									
110	QC4- 100% Inspect kits for completeness	0.00							
110									
QC	Memo	0.00							
Quality Control									

1105 13-05-23
